

FORM PTO-1390  
(REV. 11-94)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)**

8399-007-999

**09/763324**INTERNATIONAL APPLICATION NO.  
PCT/US99/19106INTERNATIONAL FILING DATE  
August 20, 1999PRIORITY DATE CLAIMED  
August 21, 1998

TITLE OF INVENTION

MODIFIED CHITOSAN POLYMERS AND ENZYMATIC METHODS FOR THE PRODUCTION THEREOF

APPLICANT(S) FOR DO/EO/US

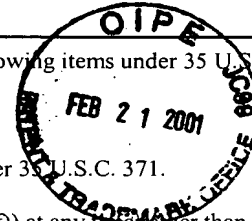
Gregory PAYNE and Guneet KUMAR

Applicant herewith submits to the United States Designated/ Elected Office (DO/EO/US) the following items under 35 U.S.C. 371:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is transmitted herewith (required only if not transmitted by the international Bureau).
  - b. ☒ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
- ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
- ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
- ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 37(c)(3)).
- ☒ An **unexecuted** oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
- ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11. to 16. below concern document(s) or information included:**

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A **FIRST** preliminary amendment.  
☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☐ Other items or information:



09/763324-001/00

INTERNATIONAL APPLICATION NO.  
PCT/US99/19106

09/763324

INTERNATIONAL FILING DATE  
August 20, 199917. ☒ The U.S. National Fee (35 U.S.C. 371(c)(1)) and other fees as follows

## CLAIMS

(1)FOR	(2)NUMBER FILED	(3)NUMBER EXTRA	(4)RATE	(5)CALCULATIONS
TOTAL CLAIMS	34 - 20	14	X \$ 18.00	\$ 252.00
INDEPENDENT CLAIMS	4 - 3	1	X \$ 80.00	80.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$ 270.00	□
BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)): <b>CHECK ONE BOX ONLY</b>				
<input checked="" type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) ..... \$ 690				\$ 690.00
<input type="checkbox"/> No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) ..... \$ 710				
<input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$1000				
<input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2) to (4) ..... \$ 100				
<input type="checkbox"/> Filing with EPO or JPO search report ..... \$ 860				
Surcharge of \$130.00 for furnishing the National fee or oath or declaration later than 20 30 mos. from the earliest claimed priority date (37 CFR 1.492(e)).				\$ 130.00
TOTAL OF ABOVE CALCULATIONS				= 1,152.00
Reduction by 1/2 for filing by small entity, if applicable. Affidavit must be filed also. (Note 37 CFR 1.9, 1.27, 1.28).				- \$ 0.00
SUBTOTAL				= 1,152.00
Processing fee of \$130.00 for furnishing the English Translation later than 20 30 mos. from the earliest claimed priority date (37 CFR 1.492(f)).				+
TOTAL FEES ENCLOSED				\$ 1,152.00

- a. ☐ A check in the amount of \$\_\_ to cover the above fees is enclosed.
- b. ☐ Please charge Deposit Account No. 16-1150 in the amount of \$\_\_ to cover the above fees. A copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 16-1150. A copy of this sheet is enclosed.

18. ☐ Other instructions

19. ☒ All correspondence for this application should be mailed to  
 PENNIE & EDMONDS LLP  
 1667 K STREET, N.W.  
 WASHINGTON, D.C. 20006

20. ☒ All telephone inquiries should be made to (202) 496-4720
 Marcia H. Sundeen  
 NAME

  
 SIGNATURE

 30,893  
 REGISTRATION NUMBER

 2/21/01  
 DATE